1990's / 1956
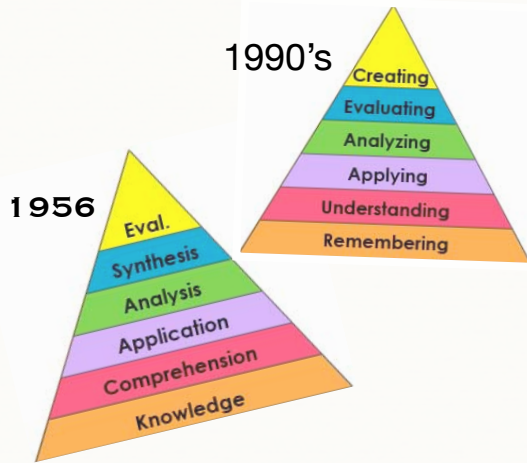
Bloom's Taxonomy in 1956 and the revised taxonomy.

Examples of using Bloom's when writing learning targets/goals:

Remembering:

I can recognize transition words used in persuasive literature.

Understanding:

I can compare and contrast the life of the Anishinabe in the 19th century to the 21st century.

Applying:

I can show that two triangles are congruent using a paragraph proof.

Analyzing:

I can deconstruct molecules of organic and inorganic matter.

Evaluating:

I can judge a piece of art based on common principles of the form.

Creating:

I can devise new methods to minimize the effects of greenhouse gases on the Earth's climate.

BLOOM'S TAXONOMY REVISED

Higher Order Thinking Skills

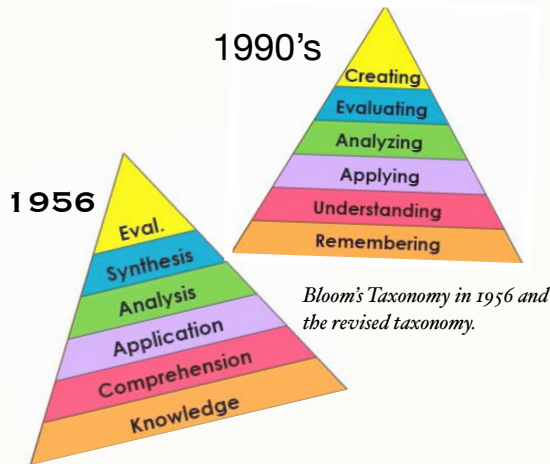| Actions		Products		
Designing Constructing Planning Producing	Inventing Devising Making	Film Story Project Plan Painting	New Game Song Media Product Advertisement	**Creating** Generate new ideas, products, or ways of viewing things
Checking Hypothesizing Critiquing Experimenting	Judging Testing Detecting Monitoring	Debate Panel Report Evaluation Speech	Investigation Verdict Conclusion Persuasive	**Evaluating** Justifying a decision or course of action
Comparing Organizing Deconstructing Attributing	Outlining Structuring Integrating Separate	Survey Database Mobile Abstract Report	Graph Spreadsheet Checklist Chart Outline	**Analyzing** Breaking information into parts to explore understandings and relationships
Implementing Solving Carrying Out Collecting	Using Showing Executing Producing	Illustration Simulation Sculpture Demonstration Presentation	Interview Performance Diary Journal	**Applying** Using information in another familiar situation
Interpreting Exemplifying Summarizing Inferring	Classifying Comparing Explaining Paraphrasing	Recitation Summary Collection Explanation Show and Tell	Example Quiz List Label Outline	**Understanding** Explaining ideas or concepts
Recognizing Listing Describing Identifying	Retrieving Naming Locating Finding	Quiz Definition Fact Worksheet Test	Label List Workbook Reproduction	**Remembering** Recall or recognition of specific information

Active/Passive Learning and Bloom's Taxonomy

Can be achieved through Active or Passive Learning		Can only be achieved through Active Learning			
Knowing	**Understanding**	**Applying**	**Analyzing**	**Synthesizing**	**Evaluating**
define	translate	interpret	distinguish	compose	judge
repeat	restate	apply	analyze	plan	evaluate
record	discuss	use	differentiate	propose	rate
list	describe	demonstrate	calculate	design	compare
recall	recognize	dramatize	experiment	formulate	revise
name	explain	practice	compare	assemble	assess
relate	express	illustrate	contrast	construct	estimate
underline	identify	operate	criticize	create	
	locate	schedule	inspect	organize	
	report	sketch	debate	manage	
	review		question	prepare	
			solve		
			examine		
			categorize		

Active Learning: The Approach to Learning Well!   **https://www.youtube.com/watch?v=dwxmPrBdlcQ**

BLOOM'S 1956 TAXONOMY

Benjamin Bloom created a taxonomy of measurable verbs to help us describe and classify observable knowledge, skills, attitudes, behaviors and abilities. The theory is based upon the idea that there are levels of observable actions that indicate something is happening in the brain (cognitive activity.) By creating learning objectives using measurable verbs, you indicate explicitly what the student must do in order to demonstrate learning.

http://www.llcc.edu/celt/FacultyDevelopment/Handouts/tabid/3938/Default.aspx

1990's

1956

Bloom's Taxonomy in 1956 and the revised taxonomy.

Bloom's Taxonomy and the revision by Lorin Anderson (a former student of Bloom's) addresses the cognitive domain of learning. The value of the this work, in part, lies in writing learning goals, objectives or targets that address what it is the student will be able to *do*. Using the appropriate verb in a learning target clarifies the order of thinking the student is expected to obtain. Additionally, certain products are better associated with each category.

Assembled by Hans Ott - Center for Instruction and Professional Development

http://cmsmediaspot.wiki.hempfieldsd.org/file/view/4teachbloomcirc.gif/177908523/4teachbloomcirc.gif